

### Abstract

A filter retrieval device having an actuatable dilator tip for retrieval of an intravascular filter from a body lumen is disclosed. An outer shaft coupled to a distal sheath is advanced along a filter wire to desired point within the vasculature. An intravascular filter such as a distal protection filter can be advanced along the filter wire to a point distal a lesion to collect debris dislodged during a medical procedure. Disposable in part within the distal sheath is an actuatable dilator tip adapted to retrieve the filter at least in part within the distal sheath. Actuation of the dilator tip may be accomplished by any number of means, including a resilient member such as a spring coil, or by a reduced inner diameter portion disposed on the distal sheath adapted to engage a plurality of recessed surfaces disposed on the dilator tip.